

No. 2 RA bill SBR No: 000028/22-23
 Date: 19/9/2022
 Original/Duplicate/Triplicate CONTRACT CERTIFICATE (For Other Works)
 Date: 19/9/2022
 Sub-Division: Electricals
 Division: Electrical (Dasarahalli) JOB NO: 015-22-000002
 Head of Account: P0300 M & R to street lights-Replacement of burnt bulbs etc
 Bill Received No Dated Book Voucher No Dated...
 Schedule Docket Name of Work: Annual Maintenance of street lights package D-5 in T Dasarahalli ward no 15
 Bill Period: 01.07.2022 to 31.08.2022 (2 Months)
 Name of Contractor and Full Address - M/s. PRASHANTH ELECTRICALS
 Reference to Agreement No: EE/El/DZ/TEND/AG/000013/21-22
 Reference to Work order No: EE/El/DZ/TEND/WO/000005/22-23
 Date: 16.03.2022
 Date: 04.04.2022

Certified that the measurements were taken by me on 2/9/22 and recorded of Pages 340/70 to 340/72
 of measurement Book No 218/22/18-19 And that the work is satisfactorily executed.
 For PRASHANTH ELECTRICALS
 Contractor
 Officer-in-charge of work
 JUNIOR ENGINEER (El)
 Dasarahalli Zone, Bangalore

Certified that the measurement were taken by me on 3/9/22 and found correct. The work is satisfactorily executed.
 Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

1) Total value of work done or supplies made as per account with Mahanagara Palike	602931=00
2) Deduct amount to be held in reserve being	362621=00
3) Balance	241173=00
4) Deduct Payment.	
a) Amount of previous payment as in the Office Cash Book Voucher	ITC(1-)
No.....Dated.....S D. No.....	Amount
adjusted towards cash advance recovery of	2412=00
b) Payments } cost store or other material supplied.	2412=00
Now made } recovery of amount creditable to this/other work	2412=00
Amount paid on this bill Cheque / Cash.	2412=00
5) Balance being unpaid value of work done held in reserve.	CBFO(1-)
6) Deduct cash advance made on the Office cash Book Voucher No.....	241=00
dated.....less adjustments.	Fine
7) Net amount due to or from Contractor	2500=00
adjustments items.	un Scrap
8) Advance to Contractor for materials brought to site (as detailed) within Value of	4823=00
Government materials supplied.	deduction
Total amount adjusted -	17212=00
	Cheque amt
	223961=00

For PRASHANTH ELECTRICALS

Contractor's Signature

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum

(In final settlement of all demands)

Witness

1.

2.

Dated

Paid by me by Cheque No.

Cash Rs.

Dated

Initials of Officer making payment

For PRASHANTH ELECTRICALS

Signature of Contractor

PROPRIETOR

PROPRIETOR

Received for Rs. 241173/-

223961/-

by adjustment Rs. 17212/-

Accounts Superintendent

Exe. Engineer (El)

B.B.M.P. Dasarahalli Division

Sl. No.	Description of item	Unit
	Name of work -Annual Maintenance of street lights package D-5 in T. Dasarahall ward no 15	
1	Operation and Maintenance of street lighting system including replacement of damaged/faulted/used out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 35/40 W fluorescent tube light street lighting system	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/faulted/used out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 125W HPMV Park lighting system	Each
3	Operation and Maintenance of street lighting system including replacement of damaged/faulted/used out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below Poles with 250W HPSV street lighting system	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/faulted/used out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /high mast lighting system	Each
5	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/used out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system	Each
6	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/used out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street lighting system	Each
7	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/used out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system	Each
8	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/used out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 100/120 watt LED street light lighting system	Each
9	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/used out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /high mast lighting system	Each

Previous Measurement		Present Measurement				Total Upto Date		Remarks
Qty	Cost	Qty	Rate Rs p	Amount	Qty	Cost		
			2 Months		Upto Date paid so for X 5months			
30X3Months ✓	5140.80 ✓	30 ✓	685.45/12= 57.12 ✓	3427.20 ✓	30X5Months ✓	8568.00 ✓		
12X3Months ✓	2268.72 ✓	12 ✓	756.29/12= 63.02 ✓	1512.48 ✓	12X5Months ✓	3781.20 ✓		
851X3Months ✓	216877.35 ✓	851 ✓	1019.41/12 =84.95 ✓	144584.90 ✓	851X5Months ✓	361462.25 ✓		
36X3Months ✓	10062.36 ✓	36 ✓	1118.09/12 =93.17 ✓	6708.24 ✓	36X5Months ✓	16770.60 ✓		
47X3Months ✓	104055.27 ✓	47 ✓	880.01/12= 73.33 ✓	69370.18 ✓	47X5Months ✓	173425.45 ✓		
49X3Months ✓	14054.67 ✓	49 ✓	1147.43/12 =95.61 ✓	9369.28 ✓	49X5Months ✓	23424.45 ✓		
27X3Months ✓	9299.61 ✓	27 ✓	1377.66/12 =114.81 ✓	6199.74 ✓	27X5Months ✓	15499.35 ✓		
1X3Months ✓	393.87 ✓	0 ✓	0 ✓	0.00 ✓	0 ✓	0.00 ✓		
1X3Months ✓	467.85 ✓	0 ✓	0 ✓	0.00 ✓	0 ✓	0.00 ✓		

10	Supply and Installation / Fixing / Provision of Outdoor Type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid shock proof IP65 (Weather Proof) rust proof dust proof water proof corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx450mmx24mm	Each	
11	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc. complete with ACS Rating and as per IS 13947 100 to 125Amps	Each	
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898 S0-63 Amps SP	Each	
13	Supplying and fixing Microprocessor Based Astronomical time Switch with using necessary bolts, nuts and washers	Each	
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multi-strand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS:694 conforming to latest amendments 6 sqmm	Mtr	
15	Supplying lined copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each	
16	1. 1 KV LT Aerial Bundled Cable, conforming to IS-14255 1995 XLPE insulation Parameter shall be as below 1 Hot Set Test a) Elongation under Load 50% (Max) b) Permanent Elongation After Cooling 3% (Max) 2 Thermal Aging in oven a) Tensile Strength 16 N/mm ² (Min) b) Elongation 375% (Min) 3 Water Absorption Test a) Water absorbed 0.5 mg/cm ² (Max) 4 Carbon Black Content shall be ranging from 2% to 3% Messenger cum Neutral 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated)	Km	
17	Stringing of 1. 1 KV grade Aerial Bundled 3 Core cable of XLPE insulation of size (3x35) (Phase Conductor) + (1x25) (Street Light Neutral)	Km	
18	Supplying of 1. 1 KV LT UG cable XLPE or Heat resistant PVC insulated PVC extruded inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1 Armouring strip thickness in average +5% and resistivity 14 Ohm/Kms (Max) as per IS-3975 + core 16 sqmm	Mtrs	
19	Labour charges for laying of 1. 1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required On wall / Structure 6 sqmm to 16 sqmm	Mtrs	
Sub Total			
Add GST 12 % on item no 10 to 19			
Total			
Fine imposed for non burning of street lights for the period of 01.07.2022 to 31.08.2022			
As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material			
GRAND TOTAL			

1 The above said monthly maintenance work has been carried out satisfactorily

0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
0	0	0	0	0.00	0.00	0	0.00	
362820.50				241172.52			602931.30	
0.00				0.00			0.00	
362820.50				241172.52			602931.30	
4800.00				2500.00			7300.00	
7252.41				4823.45			12058.63	
350558.09				233849.07			583572.67	

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Bruhat Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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